

5 SEQUENCE LISTINGS

<110> Maxygen ApS

<120> Factor VII or VIIa-like molecules

10 <130> 0212WO100

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15 <160> 11

<170> PatentIn Ver. 2.1

20 <210> 1

<211> 406

<212> PRT

<213> Homo sapiens

25 <220>

<221> MOD\_RES

<222> (6)..(35)

<223> Xaa = gamma carboxyglutamic acid or glutamic acid

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20 25 30

35 Asp Ala Xaa Arg Thr Lys Leu Phe Trp Ile Ser Tyr Ser Asp Gly Asp  
35 40 45

40 Gln Cys Ala Ser Ser Pro Cys Gln Asn Gly Gly Ser Cys Lys Asp Gln  
50 55 60

Leu Gln Ser Tyr Ile Cys Phe Cys Leu Pro Ala Phe Glu Gly Arg Asn  
65 70 75 80

45 Cys Glu Thr His Lys Asp Asp Gln Leu Ile Cys Val Asn Glu Asn Gly  
85 90 95

Gly Cys Glu Gln Tyr Cys Ser Asp His Thr Gly Thr Lys Arg Ser Cys  
100 105 110

50 Arg Cys His Glu Gly Tyr Ser Leu Leu Ala Asp Gly Val Ser Cys Thr  
115 120 125

55 Pro Thr Val Glu Tyr Pro Cys Gly Lys Ile Pro Ile Leu Glu Lys Arg  
130 135 140

Asn Ala Ser Lys Pro Gln Gly Arg Ile Val Gly Gly Lys Val Cys Pro  
145 150 155 160

5 Lys Gly Glu Cys Pro Trp Gln Val Leu Leu Leu Val Asn Gly Ala Gln  
165 170 175  
Leu Cys Gly Gly Thr Leu Ile Asn Thr Ile Trp Val Val Ser Ala Ala  
180 185 190  
10 His Cys Phe Asp Lys Ile Lys Asn Trp Arg Asn Leu Ile Ala Val Leu  
195 200 205  
Gly Glu His Asp Leu Ser Glu His Asp Gly Asp Glu Gln Ser Arg Arg  
15 210 215 220  
Val Ala Gln Val Ile Ile Pro Ser Thr Tyr Val Pro Gly Thr Thr Asn  
225 230 235 240  
20 His Asp Ile Ala Leu Leu Arg Leu His Gln Pro Val Val Leu Thr Asp  
245 250 255  
His Val Val Pro Leu Cys Leu Pro Glu Arg Thr Phe Ser Glu Arg Thr  
260 265 270  
25 Leu Ala Phe Val Arg Phe Ser Leu Val Ser Gly Trp Gly Gln Leu Leu  
275 280 285  
Asp Arg Gly Ala Thr Ala Leu Glu Leu Met Val Leu Asn Val Pro Arg  
30 290 295 300  
Leu Met Thr Gln Asp Cys Leu Gln Gln Ser Arg Lys Val Gly Asp Ser  
305 310 315 320  
35 Pro Asn Ile Thr Glu Tyr Met Phe Cys Ala Gly Tyr Ser Asp Gly Ser  
325 330 335  
Lys Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro His Ala Thr His Tyr  
340 345 350  
40 Arg Gly Thr Trp Tyr Leu Thr Gly Ile Val Ser Trp Gly Gln Gly Cys  
355 360 365  
Ala Thr Val Gly His Phe Gly Val Tyr Thr Arg Val Ser Gln Tyr Ile  
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	gct cag gtc atc att ccc tcc acc tat gtg cct ggc acg acc aat cac		837
	Ala Gln Val Ile Ile Pro Ser Thr Tyr Val Pro Gly Thr Thr Asn His		
	230	235	240
15	gat atc gct ctg ctc cgc ctc cac cag ccc gtc gtg ctc acc gat cac		885
	Asp Ile Ala Leu Leu Arg Leu His Gln Pro Val Val Leu Thr Asp His		
	245	250	255
20	gtc gtg cct ctg tgc ctg cct gag cgg acc ttt agc gaa cgc acg ctg		933
	Val Val Pro Leu Cys Leu Pro Glu Arg Thr Phe Ser Glu Arg Thr Leu		
	260	265	270
25	gct ttc gtc cgc ttt agc ctc gtg tcc ggc tgg ggc cag ctg ctc gac		981
	Ala Phe Val Arg Phe Ser Leu Val Ser Gly Trp Gly Gln Leu Leu Asp		
	275	280	285
30	cgg ggc gct acc gct ctc gag ctg atg gtg ctc aac gtc ccc cgg ctg		1029
	Arg Gly Ala Thr Ala Leu Glu Leu Met Val Leu Asn Val Pro Arg Leu		
	290	295	300
35	atg acc cag gac tgc ctg cag tcc cgc aaa gtg ggg gac tcc ccc		1077
	Met Thr Gln Asp Cys Leu Gln Gln Ser Arg Lys Val Gly Asp Ser Pro		
	310	315	320
40	aat atc acg gag tat atg ttt tgc gct ggc tat agc gat ggc tcc aag		1125
	Asn Ile Thr Glu Tyr Met Phe Cys Ala Gly Tyr Ser Asp Gly Ser Lys		
	325	330	335
45	gat agc tgc aag ggg gac tcc ggc ggg ccc cat gcc acg cac tat cgc		1173
	Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro His Ala Thr His Tyr Arg		
	340	345	350
50	ggg acc tgg tac ctc acc ggg atc gtc agc tgg ggc cag ggc tgc gcc		1221
	Gly Thr Trp Tyr Leu Thr Gly Ile Val Ser Trp Gly Gln Gly Cys Ala		
	355	360	365
55	acg gtg ggg cac ttt ggc gtc tac acg cgc gtc agc cag tac att gag		1269
	Thr Val Gly His Phe Gly Val Tyr Thr Arg Val Ser Gln Tyr Ile Glu		
	370	375	380
	tgg ctg cag aag ctc atg cgg agc gaa ccc cgg ccc ggg gtg ctc ctg		1317
	Trp Leu Gln Lys Leu Met Arg Ser Glu Pro Arg Pro Gly Val Leu Leu		
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 Arg Cys His Glu Gly Tyr Ser Leu Leu Ala Asp Gly Val Ser Cys Thr  
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 Val Ala Gln Val Ile Ile Pro Ser Thr Tyr Val Pro Gly Thr Thr Asn  
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 His Val Val Pro Leu Cys Leu Pro Glu Arg Thr Phe Ser Glu Arg Thr  
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 Glu Trp Leu Gln Lys Leu Met Arg Ser Glu Pro Arg Pro Gly Val Leu  
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 cassette for expression of FVII in mammalian cells

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